

#1 - Alaska - 1903

D^r 4191 - 4217.

H^y 4721 - 4742.

June 19th - July 1st, '03.

{ Tans Corⁿ }
 { 4310 205 }

1310 94

3000 111 + Corⁿ for 1310

1310

1,421 frs -

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	H ⁴¹ 4721- J ⁴¹ 4191-	}	next no.	
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4191.* Date *19 June 1903*

Tanner Machine. Reel.

Turns *52* Cor. + *2*Depth *54 fms.*~~Shot or lead~~ *x 36.*Bottom *ky. fine dk. M.*

Bottom temperature

No. of thermometer

None

Cor.

Corrected temperature

Air *76°* Surface *65°* Drift*(N 7° E)
4/10'*Trawl or dredge *8' Tanner no apron, 100 lb. weight*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*Pm.**Pm.**1.40.30**1.42.40**52°**1.50.30**2.37.30**100**1.57.00**2.31.40**200**300**No visible strain**400**Watch 15 min.**behind time.**500**accumulator**600**700**36 1/2 min.**800**900**1000**Watch 15 min.**1100**slow**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

Off Aranaimo, 8 10 E, 1 3/10'		2500	
		2600	
		2700	HO # 1278.
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

April

No. *D-4192* Date *19 June 1903*

Tanner Machine. Reel.

Turns *86* Cor. + *3* Depth *89 fms*

Shot or lead *26 lbs.*

Bottom *gn M. fine S.*

Bottom temperature *47.3*

No. of thermometer *98239* Cor. *-0.2*

Corrected temperature *47.1* { *N 11° W*

Air *68* Surface *65* Drift { *4/10'*

Trawl or dredge *8' Tanner as before.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.39.00</i>	<i>2.42.30</i>	0	<i>3.13.30</i>	<i>4.06.20</i>
		100	<i>19.00</i>	<i>4.02.25</i>
		200	<i>3.24.20</i>	<i>3.57.30</i>
		300		
		400	<i>33 m.</i>	
		500		
		600		
		700	<i>watch corrected</i>	
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

also marks and of

D-4191

watch 15 m. slow

Off Nanaimo -

Sharp Point, S 1° W., 1 6/10'

OK
HVS.
7

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

NO. # 1278.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
P.M. 25	Surf. Net, port lower, bottom.			
50	out	3.25.03 in	4.00	= 35 min
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Nearly overcast; light N.W. air to breeze.
Smooth sea. Lightning and Thunder.
Rain after 3.45
Showery

No.

Hy. 4721

Date

June 03

Panner

Machine.

Reel.

Turns 93 Cor. + 4

Depth 97 fms.

Shot or lead 26 Lbs.

Bottom

gn. M. fine S

Bottom temperature

47.7°

No. of thermometer

98239

Cor. -0.2

Corrected temperature

47.5°

Air

68°

Surface

65°

Drift

~~Trawl or dredge~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4.03.00 4.07.40

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

also marks and
of
previous dredge.

Off Oranaimo, B.C.

Sharp Point, S 20 E, 2 1/10'

No. 1278.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				496 - 12
50				196 4
100				300 8
200	4310	205		196
300				204 fms
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hy 4722

Dr 4193

H. W. R.

No. trial Date 20 June 1903
Tanner Machine. Reel.Turns 170 Cor. + 7Depth 177 fms~~Shot or lead~~ 25 lbsBottom gn MBottom temperature 48°No. of thermometer 98239Cor. -0.2Corrected temperature 47.8Air 65 (corr) Surface 63°

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

A.M.

9.29.30 9.34.35

0

30.40 9.33.40

100

31.30 9.31.35

170

~~200~~

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

watch 34 seconds
slow by Pilot house time
at 8 a.m.

*Oil
HCO*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

H.W.R.

No. 4193 Dr Date 20 June '03

Tanner Machine. Reel.

Turns 22 Cor. + 1

Depth 23 fms

Shot or lead 25 lbs

Bottom fine S, gy. M.

Bottom temperature 50.5

No. of thermometer 98239

Cor. - 0.2

Corrected temperature 50.3

{ S 1° E.

Air 20° Surface 63°

Drift } 0.7'

Trawl or dredge 8' Tanner

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
A.M.	A.M.		A.M.	A.M.
8.15	9.47.10	0	9.51.00	10.22.00
		30	9.54.05	
		40		
		50	9.58.40	10.19.45
		200		
		300		
		400	21.00	
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Off Nanaimo -
Cape Breton Coast, S 89° E, 10 8/10'

OK
11/2
11/2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

HO, # 1455.

Wind - GNE. 1.
Sea - Smooth

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Much sponges - large haul -
Net slightly torn -

Don't know how far side
while dredging - Ship moving very
slowly. Caught - nothing

No. *4722* Date *Dec 22*

Machine.

Reel. *✓*

Turns *17* Cor. + *1*

Depth *18 fms*

Shot or lead *36 lb*

Bottom *gy-s*

Bottom temperature *51.2*

No. of thermometer *98529* Cor. *-0.2*

Corrected temperature *51.0*

Air *63°* Surface *63°* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10. 13. 25 10. 23. 35

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

St. Lawrence
Cape Henry Light S 86° E, 10 6/10'
No #1455.

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. H. W. R.

No. 4194 Dr Date 20 June 1902

Tanner Machine. Reel.

Turns 107 Cor. + Depth 111 fms

Shot or lead 26 lbs

Bottom soft fm M

Bottom temperature 48.5

No. of thermometer 98239 Cor. -0.2

Corrected temperature 48.3 { 56.1 W

Air 63° Surface Drift 0.6'

Trawl or dredge 3' Tanner as before

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.48.29	10.52.55	0	10.55.00	11.07.45
10.49.29	10.50.55	100	10.59.35	
	10.49.21	200	11.01.30	
		203	11.03.45	
		400		11.39.15
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

C. J. Williams

Cape Hatteras Light, N 83° E, 10' 8" / 10'

11:45 AM

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
AM 45	11.20			
50	11.20			
100	11.40.50 = 13			
200				
300	clear and sandy. light			
400	fine sand. warm.			
500				
600				
700				
800				
900				
1000				

REMARKS:

H. W. R.

No. 472354. Date 20 June 1903

Tanner Machine. Reel.

Turns 164 Cor. + 6 Depth 170 fms

Shot or lead 26 lbs

Bottom gy M. fine.

Bottom temperature 48°

No. of thermometer 98239 Cor. -0.2

Corrected temperature 47.8

Air 63° Surface 63° Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

AM 11.47.40 11.58.10

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Off Nanaimo.
Cape Roger Cutter, 48295, 12.0

6L

	2500	
	2600	110-14855
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4195 Date 20 June 1903

Hand Machine. Reel.

Turns — Cor. + — Depth 14 fms

Shot or lead Hand

Bottom gy. M. S.

Bottom temperature

No. of thermometer — Cor.

Corrected temperature

Air 65° Surface 63° Drift

Trawl or dredge 10 Hand

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12 - 15

0

12 - 15

1.05

100

200

50 min

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Coff. Narvina -

Cape Roger Curtis, 1890, 11.0

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

No #1455.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				496 - 12
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

10 fathoms line was from
 12¹⁵ p. until 1.05 - 2.50 min
 Caught a couple of big fish, which
 were thrown overboard by mistake of
 the crew. as a small fish; and
 1 (unidentified)

507
April

No. Dr. 4196 Date 20 June 03

Tanner Machine. Reel

Turns 27 Cor. + 1

Depth 28 fms

Shot or lead 26

Bottom for gy S.

Bottom temperature 54°

No. of thermometer 98239 Cor. -0.2

Corrected temperature 53.8

Air 73

Surface 66

Drift 3' 10'

Trawl or dredge 8' Tanner

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.05.20	1.06.20	0	1.10.15	1.30-00
1.05 45	1.05.50	75	1.16.20	1.26.30
		100		
		200		
		300		
		400	10 mi	10.20.
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lat - Same as 4195.

Pipe Roger Curtis

2500

N 89° E,

11.0'

110 # 14155.

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

Waid =

516.1.

320 =

516.1.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507
 April

No. *Hy. 4724* Date *20 June 1902*

Tanner Machine. Reel.

Turns *42* Cor. + *2* Depth *44 fms.*

Shot or lead *26 lb*

Bottom *fine gy S.*

Bottom temperature *-*

No. of thermometer *No therm.* Cor.

Corrected temperature

Air *73°* Surface *66°* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.		UP.	TURNS.	DOWN.	UP.
<i>1.29.50</i>		<i>1.31.05</i>	0		
<i>1.30.15</i>		<i>1.30.45</i>	100		
			200		
			300		
<i>Also marks and of previous day.</i>			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

Coff. Nansen.

Cape Rager. Cupola.

N 57° E, 11.3'

11.3' 14.55.

58
11.3'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				4.95 - 12
50				4.2
100				4.54
200				4.5
300				4.5
400				4.5
500				4.5
600				4.5
700				4.5
800				4.5
900				4.5
1000				4.5

REMARKS:

5072
P. 11/11

No. *Dr. 4190* Date *20 June, 1912*

Tanner Machine. Reel.

Turns *86* Cor. + *4* Depth *90 fms.*

~~Shot or lead~~ *26 lb*

Bottom *ftk. gy. M. S.*

Bottom temperature *47.0*

No. of thermometer *98239* Cor. *-0.2*

Corrected temperature *46.8* { *54.1*

Air *73°* Surface *66°* Drift { *410'*

Trawl or dredge *8' Tanner as before*

SOUNDING WIRE.

DREDGE ROPE.

P. 22. DOWN.		UP.	TURNS.	P. 22. DOWN.	UP.
<i>1. 43.20</i>	<i>1. 45.00</i>		0	<i>1. 50.10</i>	<i>2. 42.15</i>
<i>1. 44.00</i>	<i>1. 44.05</i>		100	<i>1. 58.20</i>	<i>34.20</i>
			150	<i>2. 04.10</i>	
			200	<i>2. 12.20</i>	<i>2. 20.10</i>
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000	<i>Travelling from 2.04.10</i>	
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

slightly
Not a true
mud-lead.

Cap. D. 11.0'	587.5	11.0'
2500		
2600		1455

4000

1455.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Surface	1	0.00	
50	1	1	0.00	
100	1	2	25.00	71 min.
200				
300				
400				
500				
600				
700	Clear and			
800	15 min			
900	2 min			
1000				

REMARKS:

4511

No. trial.Date 20 June 1903

Tanner Machine. Reel.

Turns 45 Cor. + 2 Depth 47 fmsShot or lead 26 lbBottom fine gy S. M.Bottom temperature —No. of thermometer No thermo. Cor.

Corrected temperature

Air 68° Surface 66° Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

20 30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
0°C	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *14 4725* Date *20 June 03*Tanner Machine. Reel *11*Turns *30* Cor. + *1* Depth *31 fms.*Shot or lead *26 lb*Bottom *gy s. bk. sp.*Bottom temperature *52°*No. of thermometer *78239* Cor. *-0.2*Corrected temperature *51.8°*Air *68°* Surface *66°* Drift~~Trawl or dredge~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.42.15</i>	<i>2.43.10</i>	0		
		100		
		200		
		300		
<i>also marked end of</i>		400		
<i>... 4/9°</i>		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Off Transmis -

Cape Royer Cruise

Sept 11, 1915

911
10/10
11/11
12/12

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

110455

SERIAL TEMPERATURES.

496 - 12
30 - 11
466 - 1

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP. 2/16
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

6.11.11

No. 4198. Date 20 June 1902

Tanner Machine. Reel C

Turns 151 Cor. + 1 Depth 157 fms

Shot or lead 26 lb

Bottom sft gn M.

Bottom temperature 47°

No. of thermometer 98239. Cor. -0.2

Corrected temperature 46.8 (Surface)

Air 71° Surface 66° Drift 0.4'

Trawl or dredge 8' Tanner as before

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.21.20	3.25.05	0	3.26.00	4.10.30
27.05	23.50	100	30.10	4.27.50
3.23.00	3.22.10	200	33.55	4.03.10
		300	3.38.00	3.50.00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Off Kanaimd -

Entrance Light,

S 15° 76. 5.0'

CS # 6300.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Wind = S.E. 2.
Sea - Smooth.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

607: R.

No. Hy 4726 Date 20 June 1907

Tanner Machine. Reel.

Turns 222 Cor. + 8

Depth 230 fms

Shot or lead 26 lbs

Bottom: soft gy M

Bottom temperature 48°

No. of thermometer 98239

Cor. -0.2

Corrected temperature 47.8

Air 69° Surface 66° Drift

Trawl or dredge

SOUNDING WIRE.

DOWN. UP.

TURNS.

DREDGE ROPE.

DOWN. UP.

11.00.00	11.10.00	0
	11.10.15	100
	11.10.30	200
11.10.45	11.10.45	300
		400
Dr 2 4195		500
"and de 1000 ft"		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

C. H. Karam -			
Entrance No. 10	2500	58° N.	5.0
	2600		
	2700		03462
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
574	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4199*. Date *25 June, 03*

Tanner Machine. Reel.

Turns *103* Cor. + *4* Depth *107*

Shot or lead *26 #*

Bottom *sft. 5 n. M. vol. S.*

Bottom temperature *46.1*

No. of thermometer *78239* Cor. *-0.2*
Corrected temperature *45.9* *89.5° E*

Air *55°* Surface *54°* Drift *3/10'*

Trawl or dredge *8' Tanner 140 ft. trawl*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.50.00</i>	<i>8.52.40</i>	0	<i>8.58.40</i>	<i>9.22.20</i>
<i>8.50.50</i>	<i>8.51.00</i>	100	<i>9.03.30</i>	<i>26.20</i>
		<i>150</i>	<i>9.05.30</i>	<i>9.20.15</i>
		<i>200</i>		
		<i>165</i>		
		300		
		400		
		500		
		600		
		700	Commenced hauling	
		800	<i>with 150 lbs. wire net,</i>	
		900	<i>reared out to 165 lbs</i>	
		1000	<i>under considerable strain</i>	
		1100	<i>Very</i>	
		1200	<i>strong lead came</i>	
		1300	<i>in. Not completely</i>	
		1400	<i>tripped, however</i>	
		1500	<i>found both surface</i>	
		1600	<i>hauled quickly?</i>	
		1700	<i>understood get large</i>	
		1800	<i>red mud, etc. but</i>	
		1900	<i>little. Then occurs</i>	
		2000	<i>a quantity of the</i>	
		2100	<i>laid in drain, cut</i>	
		2200	<i>the strain at end</i>	
		2300	<i>of net, but lead</i>	
		2400	<i>is and there is</i>	

Wind: E. by S. 2.

Seas: smooth.

slightly torn from bottom net and lead remains down.

Queen Charlotte Sound - Off. Report.

<p>OK H.C. H</p>		2500	<p>S 46° 21' N, 6 3/10'</p> <p>110 # 1453,</p>
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *H. 4727* Date *25 June, 1913*

Tanner Machine. Reel.

Turns *65* Cor. + *3* Depth *68 fms.*~~Shot or lead~~ *26 lb*Bottom *gn. M. S. S. S.*Bottom temperature *47.0*No. of thermometer *98237* Cor. *-0.2*Corrected temperature *46.8*Air *55°* Surface *54°* Drift~~Trawl or dredge~~

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>9.20.00</i>	<i>9.21.05</i>	0		
<i>9.20.25</i>	<i>9.20.40</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Off Port Report

Round 2

S 50° 10' 65' 10'

No #1453.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4200* Date *25 June, 1902.**Tanner* Machine. Reel.Turns *107* Cor. + *4* Depth *111 fms.*~~Shot or lead~~ *26 lb*Bottom *2 ft. gn. M. S.*Bottom temperature *46.0*No. of thermometer *98239* Cor. *-0.2*Corrected temperature *45.8*Air *54* Surface *55* Drift *128° 4'*Trawl or dredge *8' Tanner with sinker and 140 lb. sinker*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>10.33.40</i>	<i>10.35.35</i>	0	<i>10.27.15</i>	<i>11.01.5</i>
<i>10.34.20</i>	<i>10.34.45</i>	100	<i>10.41.15</i>	<i>11.02.20</i>
		150	<i>10.44.15</i>	<i>10.59.20</i>
		200		
		300		
		400	<i>15 min.</i>	
		500		
		600		
<i>10.36.0</i>	<i>10.36.0</i>	700		
<i>10.36.0</i>	<i>10.36.0</i>	800		
		900	<i>2 min. 15 sec.</i>	
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Off Port Report -

OK J. J.	Round 2	2500	550' 71	43 1/10'
		2600		
		2700		910 # 1453.
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hv. 4728*. Date *25 June, 1903.*
Tanner Machine. Reel.

Turns *104* Cor. + *4* Depth *108 fms.*

Shot or lead *26 lb*

Bottom *sft. gn. M. S.*

Bottom temperature *45.9*

No. of thermometer *98239.* Cor. *-0.2*

Corrected temperature *45.7°*

Air *54°* Surface *55°* Drift

~~Trawl or dredge~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.14.05</i>	<i>11.16.10</i>	0		
<i>11.15.00</i>	<i>11.15.05</i>	100		
		200		
		300		
		400		
		500		
		600		
<i>Also marks and cor.</i> <i>for 4200.</i>		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Off Port Report -
Round Id.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Ssg. M 52/10

No #1453.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4201*. Date *25 June, 1902*.

Tanner Machine. Reel.

Turns *133* Cor. + *5* Depth *138* fms.~~Shot or lead~~ *26 lb*Bottom *sft. gn. M. S. brk. sh.*Bottom temperature *45.7*No. of thermometer *98239* Cor. *-0.2*Corrected temperature *45.5* (*N 41° E*)Air *54°* Surface *55°* Drift *abt*Trawl or dredge *5' Tanner*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP. *M*

<i>11.22.20</i>	<i>11.37.00</i>	0	<i>11.38.00</i>	<i>12.15.45</i>
<i>11.24.00</i>	<i>11.35.30</i>	100	<i>11.41.15</i>	<i>12.14.00</i>
<i>11.26.20</i>	<i>11.35.00</i>	115	<i>11.45.15</i>	<i>12.07.00</i>
		200	<i>11.47.15</i>	<i>12.02.10</i>
		250		
		300		
		400		
		500	<i>15 min.</i>	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Off Fort Rupert -

Round 20

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

5620-01

3910

910 + 1033

446
130
576

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4201* Date *Jan 21 1883*

Tanner Machine. Reel.

Turns *139* Cor. + *6* Depth *145 fms*Shot or lead *26 lbs*Bottom *lt. gy. M, fm S.*Bottom temperature *45.5°*No. of thermometer *98239* Cor. *-0.2*Corrected temperature *45.3*Air *54°* Surface *55°* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>PM</i> 12 05 00	12 10 10	0		
12 05 30	12 08 40	100		
12 06 00	12 06 10	<i>145</i> 200		
		300		
		400		
<i>This marks the</i>		500		
<i>End of Dr. 4201</i>		600		
		700		
		800		
		900		
<i>Work for</i>		1000		
<i>thinner</i>		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Off Port Rupert -

Round Island

55° 11' 4" N

OK

No #1453.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *11,473* Date *July 1898*
Machine. Reel.
 Turns *50* Cor. + *2* Depth *52 fms*
~~Shot or lead~~ *26 lbs*
 Bottom *gy. S. gn. M.*
 Bottom temperature *47.8*
 No. of thermometer *98239* Cor. *-0.2*
 Corrected temperature *47.6°*
 Air *54°* Surface *55°* Drift
~~Trawl or dredge~~

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
<i>2.10.50</i>	<i>2.05.00</i>	100		
<i>21.10</i>	<i>2.01.15</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Off Port Report

Round Sound

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

N 59° W 1 1/10'

911-1431.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.
H.W.R.

No. Dr. 4202 Date July 25 1882

Tanner Machine. Reel.

Turns 34 Cor. + 2 Depth 36

Shot or lead 26 lbs

Bottom gy S.

Bottom temperature 48.4

No. of thermometer 78279 Cor. -0.2
Corrected temperature 48.2

Air 54 Surface 55 Drift 5 10

Trawl or dredge

SOUNDING WIRE.

DOWN. M UP. M

1. 10. 10 1. 10. 10

2. 29. 10 26 fms

2. 34. 50 23'

Light S.W. by buoy

Smooth Sea

Hand Lead

1'

2. 29. 10 26 fms

2. 34. 50 23'

Light S.W. by buoy

Smooth Sea

Hand Lead

1'

2. 29. 10 26 fms

2. 34. 50 23'

Light S.W. by buoy

Smooth Sea

Hand Lead

1'

2. 29. 10 26 fms

2. 34. 50 23'

Light S.W. by buoy

Smooth Sea

TURNS.

0

50

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN. M UP. M

2. 12. 10 2. 38. 35

2. 15. 25 2. 36. 25

20 m 50 m

no strain

appreciable

Small cod, 2' long

abundance of

small fish

& crabs

Off Fort Rupert —

Round Blows

2500

N 45° 21' 12 1/10'

2600

2700

HS#1431.

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. HWR,

No. 4731 Date June 23

Tanner Machine. Reel.

Turns 24 Cor. + 1 Depth 25 fms

Shot or lead 26 lbs

Bottom gn M, brk Sh. S.

Bottom temperature 50°

No. of thermometer 98569 Cor. 0.2

Corrected temperature 49.8°

Air 54° Surface 55° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN. <u>M</u>	UP. <u>M</u>		DOWN.	UP.
<u>39.30</u>	<u>41.00</u>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

marks on

end of

Dr 4:00

Sample

1500

Off Port of ...

Round ...

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

N 33° W, 1 5/10'

113° 14' 31"

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4203* Date *Jan 22, 03*Tanner Machine. *Reel.*Turns *24* Cor. + *1*Depth *25 fms*Shot or lead *26 lbs*Bottom *G, brk Sh. S. wt. S.*Bottom temperature *49.3°*No. of thermometer *98239*Cor. *-0.2*Corrected temperature *49.1**(N 37° W)*Air *54°* Surface *55°*Drift *6/10'*Trawl or dredge *8' beam trawl*

SOUNDING WIRE.

DREDGE ROPE.

P	DOWN. M	P	UP. M	TURNS.	P	DOWN. M	P	UP. M
2.53.20		2.54.20		0	2.56.55		3.29.45	
		2.53.25		50	3.00.40		3.27.25	
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				

Off Port Rupert -

<p>Oil 1000.</p>	Round Island	2500	N 22° W. 1 5/10'
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4722* Date *June 25, 1882**Tanner* Machine. Reel.Turns *29* Cor. + *1* Depth *30 fms*Shot or lead *26 lbs*Bottom *gn M, S.*Bottom temperature *49.5°*No. of thermometer *98250* Cor. *-0.2*Corrected temperature *49.3°*Air *54°* Surface *55°* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3. 37.40 3.30.50

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Off Fort Rupert

Round Island

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

N 17° W. 9/10

HT #1431.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4204* Date *June 19*

Machine. Reel.

Turns *66* Cor. + *3* Depth *69*

Shot or lead *26 lbs*

Bottom *gn M, G. vol. S.*

Bottom temperature *47.8*

No. of thermometer *98239* Cor. *-0.2*

Corrected temperature *47.6* (*547071*)

Air *54* Surface *53* Drift (*4/10*)

Trawl or dredge *8' beam trawl, 12' long, 12' wide*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2.45

3.50.00

0

3.51.20

4.39.05

2.44.10

2.44.00

100

4.02.40

34.30

125

4.04.50

4.33.30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200


2300

2400

29 min.

Vertical wire, 2. (2nd wire), 500 ft.

Off East Reef -

<p>Wm. A. ...</p> <p>61</p>		2500	<p>No. 76. 1</p> <p>1931.</p>
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *1128*. Date *25 June, 1902*

Tanner Machine. Reel.

Turns *49* Cor. + *2* Depth *51 fms.*

Shot or lead *26 "*

Bottom *gn. M. S.*

Bottom temperature *49°*

No. of thermometer *98239*. Cor. *-0.2*

Corrected temperature *48.8°*

Air *60°* Surface *53°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.21.05</i>	<i>4.39.50</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

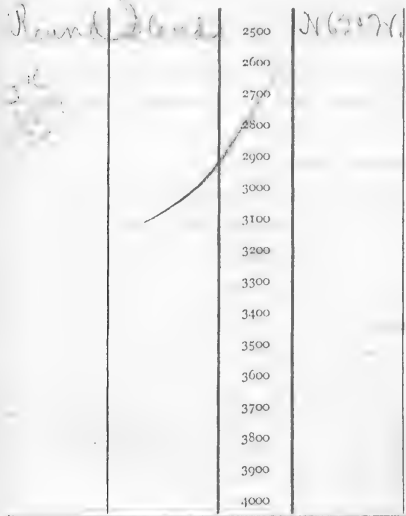
Off Fort - Rupert -

Round Island

N 62° 7' N. 13 1/16'

316

11-14-11.



SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Admiralty Chart, No. 11, and 12

<p>Admiralty Chart No. 11</p> <p>OK</p> <p>HTV. 12</p> <p>1/2</p>		2500	N 38° W	1-10'
		2600		
		2700		5-6-50.
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

H 4734 at end of dredge haul

2 3/4 fms. from shore 15 fms -

Admiralty Chart No. 11, N 66° W, 8/10'

2

No. 4206 Date June 29-1883
Machine. Reel.
Turns Cor. + Depth 25 m.
~~Shot or lead~~ 12 lbs.
Bottom R. dead S.
Bottom temperature 51°
No. of thermometer 98239 Cor. -0.2
Corrected temperature 50.8°
Air 59° Surface Drift 4'
~~Trawl or dredge~~ 8' Tanner as before

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-45.		0	2.45.15	3.11.15
		100	2.50.00	3.06.30
3.03.15: 120 fms		200	2.53.30	3.04.00
3.06.20: 20 "		300		
3.11.15: 19 1/2 "		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

10000 169.71, 2.0'

	2500	
	2600	C8# 6450.
11	2700	
110	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. 1 R.

No. Hy: 4735 Date July 29 1900

Tanner Machine. Reel.

Turns 21 Cor. + 1 Depth 22 fms

Shot or lead 26 lbs

Bottom R. crs. S. Barnacles. Sh.

Bottom temperature 53°

No. of thermometer 98239 Cor. -0.2

Corrected temperature 52.8°

Air 59° Surface 57° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3. 11. 30	3. 14. 00	0		
3. 12. 00	3. 12. 10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

This sounding
marked off
Dr 4206

Admiralty Chart No. 11, 1881

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

CS #6450.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr. 4207* Date *July 29 1893**Tanner* Machine. Reel.Turns *48* Cor. + *2* Depth *50 fms*Shot or lead *26 lb*Bottom *R. S. brk Sh*Bottom temperature *52°*No. of thermometer *98239* Cor. *-0.2*Corrected temperature *51.8°* (*S 85° E*)Air *59°* Surface *57°* Drift *2 10'*Trawl or dredge *8' Tanner as before*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3. 40. 05</i>	<i>3. 42. 50</i>	0	<i>3. 41. 00</i>	<i>4. 15. 30</i>
<i>3. 41. 00</i>	<i>3. 41. 05</i>	100	<i>3. 48. 10</i>	<i>4. 14. 30</i>
		200		
		300	<i>2.6 min.</i>	
		400		
		500		
		600		
		700	<i>Not completely mashed f. X Nothing else lost.</i>	
		800		
		900		
		1000		
		1100		
		1200		
		1300	<i>lower side of belly turned out from end of half way to end.</i>	
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Admiralty Head Light, N 20° 21', 17' 10"

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2021

No. *44* 4736 Date *29* June, 1911.

Tanner Machine. Reel.

Turns 63 Cor. + 3 Depth 66 fms.

Shot or lead 26#

Bottom *gy. s. bk. Sp. G. S.*

Bottom temperature 50.5

No. of thermometer 98237 Cor. - 0.2

Corrected temperature 50.3°

Air 57° Surface 57° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.18.00	4.20.10	0		
4.18.35	4.18.50	100		
		200		
		300		
		400		
	4.20.00	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Admiralty, Light, N 25° W, 3 1/10'

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

CS #6450.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4208 Date 27 Apr. 1903

Tanner Machine. Reel //

Turns 80 Cor. +

Depth 82 fms.

Shot or lead 26#

Bottom Mky

Bottom temperature

50.7

No. of thermometer

752/27

Cor. -0.2

Corrected temperature

50.5

Air

57°

Surface

57°

Drift

(N 30° W)

1 1/2 / 10

Trawl or dredge 8' 2m

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.25.50	4.27.15	0	4.28.10	4.42.00
4.26.40	4.26.50	100	4.34.10	4.44.10
		150	4.36.00	4.44.50
		200		
		300		
		400	6 min.	
		500		
		600		
		700		
		800	Very small catch.	
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Observing depth, N 22071, 35

	2500	
	2600	(80000)
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Hy 4737

Date

20 June, 1902

Sigsbee

Machine.

Reel.

Turns 95

Cor. +

4

Depth

100 fms.

Shot or lead

36 lb

Bottom

mky.

Bottom temperature

50.5

No. of thermometer

7812-37

Cor. - 0.2

Corrected temperature

50.3°

Air

57°

Surface

57°

Drift

~~Trawl or dredge~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4.14.15 4.14.15

4.15.15 4.15.15

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Made out at

4.20.15

Admiral's Head Light, N 20° W, 35'

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

CS 11101

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

712

No. *Dr 4209* Date *June 20 - 1903*
Hand Machine. Reel.

Turns Cor. + Depth *25 fms*

~~Shot or lead~~ *12 lb Hand*

Bottom *ky. co. S. Sh-*

Bottom temperature *50.5°*

No. of thermometer *98734* Cor. *-0.2*

Corrected temperature *50.3°*

Air *58°* Surface *53°* Drift *2 10'*

Trawl or dredge *8' ... 140'*

SOUNDING WIRE <i>4 M</i>		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8-56</i>		0	<i>8.55</i>	<i>9 11 31</i>
		100		
		200		
		300		
		400	<i>11</i>	
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

12 lb
Hand lead
... - 25 ...
... to ...
9.01 - 25 ...
9.04.00 24 fms
9.05.15 - 24 "
7.00 - 24 "
24 "

Alm. 1000 ft. N 50° W. 10'

5.16
X 1/2

CS # 6450.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

H. 4738 - Lloyd's Head, 24 fms -
Underwater Light, N 60° W. 10'

No. *D. 4210.* Date *June 3, 1906*

Tanner Machine. Reel.

Turns *24* Cor. + *1*

Depth *25* mi.

Shot or lead *26#*

Bottom *R. cr. gy. S. Sh.*

Bottom temperature *50.9*

No. of thermometer *98224* Cor. *-0.2*

Corrected temperature *50.7°* (*177° C.*)

Air *55°* Surface *53°* Drift *3/10'*

Trawl or dredge *8' Tanner - 200 lb. weight*

SOUNDING WIRE.

DOWN. UP.

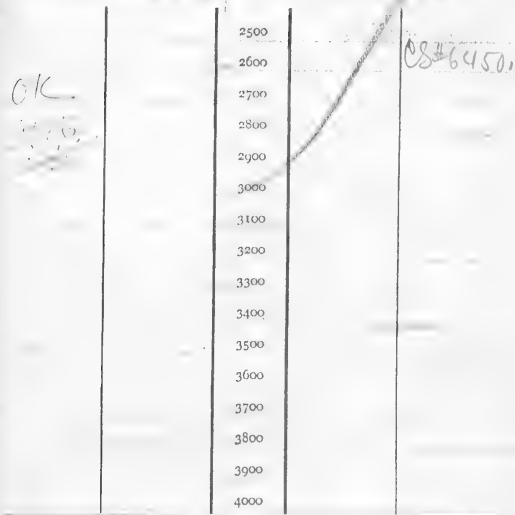
TURNS.

0.11 DREDGE ROPE *11.*

DOWN. UP.

<i>7.50.10</i>	<i>7.50.12</i>	0	<i>9.28.30</i>	<i>9.45.00</i>
		100	<i>9.27.45</i>	<i>9.43.00</i>
		200		<i>9.41.30</i>
		300		
		400		
		500		<i>9.45.30</i>
		600		
		700		
		800		
		900		
		1000		
		1100	<i>9.25.00</i>	
		1200		
		1300	<i>9.27.00</i>	
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Bottom, 74 fathoms, 1/10'



SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4411*Date *Jan 20 1903*

Machine.

Reel.

Turns *22* Cor. + *1*Depth *23 fms*Shot or lead *26 lbs*Bottom *brn S. gy. m. s. gy. s.*Bottom temperature *51.1*No. of thermometer *98239*Cor. *-0.2*Corrected temperature *50.9*Air *55*Surface *55*Drift *2 10'*Trawl or dredge *1*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*9.45.30**9.45.30*

0

*9.45.40**9.45.45**50* 100-

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

*9.45.30**9.45.30*

0

*9.45.40**9.45.45**50* 100-

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*23 fms 9.53**17 1/2 - 9.59**17 1/2 - 10.02*

Admiralty Hydrographic Survey, 183-91. 13/10

0 150 27		2500	
		2600	CS-2450.
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4212* Date *June 12 1881*

Tanner Machine. Reel.

Turns *18* Cor. + *1* Depth *19*

Shot or lead *36 lbs*

Bottom *brk sh gy S*

Bottom temperature *51.2*

No. of thermometer *98239* Cor. *-0.2*

Corrected temperature *51.0* (*56.2°C*)

Air *53* Surface *53* Drift *3*

Trawl or dredge *5' 2"*

SOUNDING WIRE.

DOWN. UP.

TURNS.

DREDGE ROPE.

DOWN. UP.

<i>10.06.18</i>	<i>10.06.50</i>	0	<i>10.11.10</i>	<i>10.40.50</i>
		<i>50</i>	<i>10.15.10</i>	
		<i>65</i>	<i>10.16.50</i>	<i>10.38.00</i>
		<i>17</i>		
		400	<i>18m</i>	<i>10.5</i>
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Gravity Reading N 88° W, 1 1/10"

	2500	
	2600	CS-24531
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. ~~4739~~ Date *June 20**Tanner* Machine. Reel.

Turns 20 Cor. + 1

Depth 21 fms.

Shot or lead 26 lbs

Bottom *fine gy. S, brk. S.*Bottom temperature *52.2*°No. of thermometer *8239* Cor.

Corrected temperature

Air *58*° Surface *52*° Drift~~Trawl or dredge~~

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10. 21. 00</i>	<i>10. 41. 00</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
<i>71. 41. 12</i>		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *3421* Date *June 30*
Tanner Machine. *Reel*
 Turns *24* Cor. + *1* Depth *25*
 Shot or lead *26 lbs*
 Bottom *gy S, - 100, R.*
 Bottom temperature *51.5°*
 No. of thermometer *98139* Cor. *-0.2*
 Corrected temperature *51.3°*
 Air *60°* Surface *54°* Drift *3/10'*
 Trawl *3' Tanner*

SOUNDING WIRE <i>a.m.</i>		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10. 51.50</i>	<i>10 52.30</i>	<i>0</i>	<i>11. 4. 10</i>	<i>11. 06. 10</i>
<i>10. 52. 10</i>	<i>10 53. 10</i>	<i>50</i>	<i>10. 50. 10</i>	<i>11. 04. 10</i>
		<i>100</i>		
		200		
		300		
		400	<i>14 m</i>	
		500		
		600	<i>good</i>	
		700	<i>shallowish</i>	
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

by
Nichols
Reel 11. 00. 30

Admiral's Log. No. 82041, 3.0

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

CG #6450.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *H. 439* Date *June 30 1900*

Machine.

Reel.

Turns *22* Cor. *+1*Depth *23 fms*Shot or lead *26 lbs*Bottom *gy S, brk Sh, R*Bottom temperature *53°*No. of thermometer *95150*Cor. *-0.2*Corrected temperature *52.8°*Air *60°* Surface *54°* Drift~~Trawl or dredge~~

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11 07 25 *11 05 15**07.55* *11 08.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Abundant Hare Lings N 88° W. 1.6/10

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

880450.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.
Hill

No. D-4214. Date 1 July, 1903

Machine. Reel.

Turns Cor. + Depth 14 fms.

Shot or lead 12 lb hand lead.

Bottom sft. gy. M. H. S.

Bottom temperature x)

No. of thermometer

Cor.

Corrected temperature 50.8 from net N 20° W

Air 56° Surface 53° Drift 4/10'

Trawl or dredge 1' Tannoy, runner and tail weights, 145 lb sinker

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
8.42.30		0	8.43.55	8.45.55
		25	8.45.50	
		35	8.52.00	8.57.05
Intermediate Sounding		300		11 min -
by 12 lb hand lead.		400		
1st.		500		
1 1/2		600		
2		700		
17.		800		
		900	Trawling from 8.45.50	
		1000	= 11 min.	
		1100		
		1200		
		1300	Lots of Mud, some	
		1400	fishes and cr	
		1500	etc.	
* See next sounding		1600		
marking end of this		1700		
station. (5-10')		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Port Townsend Bay.

Kala Point.

2500 N 41° W, 1 1/10'

2600

2700

28# 6405.

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR. °	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *40740* Date *1 July**Tanner* Machine. Reel.Turns *16* Cor. + *1* Depth *17 fms.*Shot or lead *26*Bottom *sf. gn. M. br. C.*Bottom temperature *51.*No. of thermometer *98239.* Cor. *-0.2*Corrected temperature *50.8°*Air *58* Surface *54* Drift~~Trawl or dredge~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.00.00</i>	<i>9.01.55</i>	0		
<i>9.00.15</i>	<i>9.00.30</i>	100		
		200		
<i>Marks and at</i>		300		
<i>Dr. 4214</i>		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kala Point, N 58° W, 6/10

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

C8# 6405.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. D. 4215. Date 1 July 1880

Tanner Machine. Reel.

Turns 16 Cor. + Depth 17 fms.

Shot or lead 26 #

Bottom gr. M. fine-S. sh.

Bottom temperature 50.2

No. of thermometer 98220 Cor. -0.2

Corrected temperature 50.1°

Air 58° Surface 54° Drift N 10° W 6/10'

Trawl or dredge 9' Tanner - no wing weights - tail

A.M. SOUNDING WIRE.

DOWN.

UP.

9.09.00 9.10.00

9.09.15 9.10.15

Submerged signal

Some 200

9.12 to 16.2

9.28 am 16.2

16.2

16.2

16.2

16.2

16.2

TURNS.

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

11.45 12.00

13.00 13.15

14.00 14.15

15.00 15.15

16.00 16.15

17.00 17.15

18.00 18.15

19.00 19.15

20.00 20.15

21.00 21.15

22.00 22.15

23.00 23.15

24.00 24.15

Kala Point, N 83° 11' E, 5/10'

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

284645

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hy. 4741.* Date *1 July, 1903.*

Tanner Machine. Reel.

Turns *16* Cor. + Depth *17 fms.*

~~Shot or lead~~ *26 lb*

Bottom *gn. M. fine s. bk.*

Bottom temperature *50.4*

No. of thermometer *98235* Cor. *-0.2*

Corrected temperature *50.2°*

Air *58°* Surface *54°* Drift

~~Trawl or dredge~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.22.00</i>	<i>9.22.55</i>	0		
<i>32.15</i>	<i>9.22.30</i>	100		
		200		
<i>Marks and all</i>		300		
<i>Ar. 4215</i>		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Kala Point, S 27° 11' E 9/10'

62
100

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

CG# 6405.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *504* Date *July, 1902*

Tanner Machine. Reel.

Turns *76* Cor. + *3* Depth *79 fms.*

Shot or lead *26 #*

Bottom *rk.*

Bottom temperature *49.2*

No. of thermometer *98239* Cor. *-0.2*

Corrected temperature *49.0°* (*8-10-06*)

Air *61°* Surface *55°* Drift *4/10'*

Trawl or dredge *8' Tanner*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.36.00</i>	<i>10.29</i>	0	<i>10.38.30</i>	<i>11.15.30</i>
<i>37.00</i>	<i>10.25.10</i>	100	<i>10.42.20</i>	<i>11.11.00</i>
		175	<i>10.49.10</i>	<i>11.07.50</i>
		200		
		300		
		400		
		500		
		600		
		700	<i>End</i>	
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Accuracy, Inlet

Base Point Light, S 28° E, 3 ³/₁₀'

OK
22

2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

CS#6450.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *H4. 4742* Date *1 July, 1903**Tanner* Machine. Reel.Turns *97* Cor. + *4* Depth *101 fms*Shot or lead *26 lb*Bottom *G. brk. Sh.*Bottom temperature *49°*No. of thermometer *98239* Cor. *-0.2*Corrected temperature *48.8°*Air *57°* Surface *53°* Drift~~Trawl or dredge~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.12.15 *11.15.20* *0**14.15* *11.15.00* *100**200**Washed and* *300**11.15.00* *400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

Bush Point Pt, S 19° E., 2 9/10'

OK
HVP.

	2500	
	2600	CS#6450.
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *N. 4217* Date *1 July, 1903.*

Tanner Machine. Reel.

Turns *74* Cor. + *3* Depth *77 fms.*~~Shot or lead~~ *26 lb*Bottom *g. b-k. Sh.*Bottom temperature *49.5*No. of thermometer *98239* Cor. *-0.2*Corrected temperature *49.30* *8780.6*Air *57°* Surface *53°* Drift *2/10'*Trawl or dredge *8' Tanner, as before.*

A.m. SOUNDING WIRE.		TURNS.	A.m. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.27.20</i>	<i>11.29.30</i>	0	<i>11.28.30</i>	<i>11.56.10</i>
<i>28.10</i>	<i>11.28.28</i>	100	<i>32.50</i>	<i>11.52.40</i>
		<i>170</i>	<i>11.36.30</i>	<i>11.49.30</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Bush Point, S 27° E., 2⁹/₁₀'

C8#6450+

OK
JTB
7

$$\begin{array}{r} 496 \\ 63 \\ \hline 433 \end{array}$$

$$\begin{array}{r} 496 \\ 80 \\ \hline 416 \end{array}$$

$$\begin{array}{r} 9.20.75 \\ 9.05.40 \\ \hline 14.35 \end{array}$$

$$\begin{array}{r} 4.14.30 \\ 3.48.10 \\ \hline 26.20 \end{array}$$

$$\begin{array}{r} 496 \\ 52 \\ \hline 444 \end{array}$$

$$\begin{array}{r} 2.25 \\ 2.04 \\ \hline 21 \end{array}$$

30	-	1
60	-	2
90	-	3
100	-	3 1/2

$$\begin{array}{r} 2.37.80 \\ 1.47.5 \\ \hline 2.30 \end{array}$$